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	Application No.	Applicant(s)	
Maties of Allamat 114.	10/668,421	BERMEL ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Erin D. Chiem	2883	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R	(OR REMAINS) CLOSED in this apply or other appropriate communication IGHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS
1. \boxtimes This communication is responsive to <u>the telephonic interview</u>	ew on February 28, 2006 with the ap	plicant.	
2. A The allowed claim(s) is/are 1-7,12,13,32,35 and 38.			
3. ☐ Acknowledgment is made of a claim for foreign priority un a) ☐ All b) ☐ Some* c) ☐ None of the:			
1. Certified copies of the priority documents have			
2. Certified copies of the priority documents have	• • • • • • • • • • • • • • • • • • • •		4: 6 4b -
 Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). 	cuments have been received in this	national stage applica	tion from the
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the re	quirements
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			IOTICE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		
(a) including changes required by the Notice of Draftspers	son's Patent Drawing Review (PTO-	948) attached	
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	,		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			back) of
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL r	nust be submitted. I	Note the
Attachment(s) 1. ⊠ Notice of References Cited (PTO-892)	5. Notice of Informal P	atent Application (PT)	O-152\
 Notice of References Cited (PTO-092) Dotice of Draftperson's Patent Drawing Review (PTO-948) 	 5. ☐ Notice of Informal P 6. ☒ Interview Summary 		O-102)
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat	Paper No./Mail Date 2/23/CS 7. ⊠ Examiner's Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's Stateme		owance
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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Stephen Shawn and one of the inventors, Marcus Bermel, on February 23, 2006.

The application has been amended as follows:

Claim 1. A flexible optical switch film between at least two plates and having an electrical bias between the at least two plates, wherein the flexible optical switching film comprises: a light scattering agent integrated within a porous organic polymeric resin having pores that are formed throughout all of the porous organic polymeric resin, including a contact region between a transparent plate and a light guide plate where light is transmitted.

Claim 12. An optical displace device, comprising:

a) a multi-layered flexible, composite film of organic polymeric resins having pores throughout all of the multi-layered flexible, composite film and whose multiple layers are formed simultaneously and coated simultaneously on a carrier substrate, in addition the multi-layered flexible, composite film includes a

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light scattering agent integrated within the composite film of organic polymeric resins and at least one electrically conductive layer; and

- b) at least two plates having the multi-layered flexible, composite film between the at least two plates such that the multi-layered flexible, composite film of organic polymeric resins is capable of contacting at least one f the two plates, thus forming an optical switch for the optical display device.
- Claim 32. The optical switching film claimed in claim 1, wherein light transmission via the porous film is greater than 50%.
- Claim 33. (Cancelled).
- Claim 35. The optical device claimed in claim 12, wherein light transmission of the multilayered composite film is greater than 50%.
- Claim 38. A method for fabricating an optical display device, comprising the steps of:
 - a) providing a carrier substrate;
 - b) coating, onto the carrier substrate, a releasable porous, flexible organic polymeric film having pores and a light scattering agent integrated throughout all of the releasable porous, flexible organic polymeric film;

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c) coating an electrically conductive layer onto the releasable porous, flexible organic polymeric film at the same time as the releasable porous, flexible organic polymeric film is coated onto the carrier substrate; and

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d) assembling the releasable porous, flexible organic polymeric film between at least two electrically biased plates to enable contact with at least one of the electrically biased plates such that an optical switch is constructed for the optical device.

The following is an examiner's statement of reasons for allowance: Claims 1, 12, and 38 are allowable over the prior art of record because the latter, either alone or in combination, does not disclose nor render obvious a flexible optical film between at least two pates and having an electrical bias between the at least two plates wherein the flexible optical switching film comprises a porous organic polymeric resin having pores that are formed through all of the porous organic polymeric resin, including a contact region between a transparent plate and a light guide plate where light is transmitted. The prior art of record does not disclose nor render obvious the instance limitation in combination with the rest of the claimed limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Erin D. Chiem whose telephone number is (571) 272-3102. The examiner can normally be reached on Monday - Thursday 9AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Frank G. Font can be reached on (571) 272-2415. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Erin D Chiem Examiner

Examiner Art Unit 2883 Frank G. Font Supervisory Primary Examiner

Frank I Fort

Technology Center 2800